

Title (en)  
DISPLAY PANEL AND MANUFACTURING METHOD THEREFOR, AND DISPLAY DEVICE

Title (de)  
ANZEIGETAFEL UND HERSTELLUNGSVERFAHREN DAFÜR SOWIE ANZEIGEVORRICHTUNG

Title (fr)  
PANNEAU D'AFFICHAGE ET SON PROCÉDÉ DE FABRICATION, ET DISPOSITIF D'AFFICHAGE

Publication  
**EP 3996074 A1 20220511 (EN)**

Application  
**EP 20900682 A 20200515**

Priority  
CN 2020090542 W 20200515

Abstract (en)  
A display region includes a plurality of pixel driving circuitry setting regions arranged sequentially in a first direction, and each pixel driving circuitry setting region extends in a second direction intersecting the first direction. Each display unit includes a plurality of subpixels in one-to-one correspondence with the pixel driving circuitry setting regions, each subpixel includes a subpixel driving circuitry and a light-emitting element coupled to each other, the subpixel driving circuitry is located in a corresponding pixel driving circuitry setting region, the light-emitting element is located at a side of the subpixel driving circuitry away from the substrate, a width of the light-emitting element is greater than a width of the corresponding pixel driving circuitry setting region in the first direction, and a length of the light-emitting element is smaller than a length of the corresponding pixel driving circuitry setting region in the second direction.

IPC 8 full level  
**G09F 9/30** (2006.01)

CPC (source: EP US)  
**H10K 59/1201** (2023.02 - EP); **H10K 59/121** (2023.02 - EP US); **H10K 59/1216** (2023.02 - US); **H10K 59/126** (2023.02 - US); **H10K 59/131** (2023.02 - EP US); **H10K 59/351** (2023.02 - EP); **H10K 59/38** (2023.02 - US); **H10K 71/00** (2023.02 - US); **H10K 59/1201** (2023.02 - US); **H10K 59/1216** (2023.02 - EP); **H10K 59/126** (2023.02 - EP); **H10K 59/38** (2023.02 - EP); **H10K 71/00** (2023.02 - EP)

Cited by  
EP4012696A4; US11903252B2

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
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DOCDB simple family (publication)  
**EP 3996074 A1 20220511**; **EP 3996074 A4 20221012**; CN 114175133 A 20220311; CN 114175133 B 20231222; JP 2023534083 A 20230808; US 11963397 B2 20240416; US 2022123056 A1 20220421; WO 2021227025 A1 20211118

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**EP 20900682 A 20200515**; CN 2020090542 W 20200515; CN 202080000739 A 20200515; JP 2021572613 A 20200515; US 202017280725 A 20200515